

IN THE CLAIMS:

Amended claims follow:

1. (Cancelled)
2. (Previously Amended) A computer program product as claimed in claim 4, wherein said sequence of predefined actions is user defined.
3. (Previously Amended) A computer program product as claimed in claim 4, wherein one or more of said predefined actions is performed after receipt of a user input confirming said predefined action.
4. (Currently Amended) A computer program product embodied on a computer readable medium for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:
  - (i) sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
  - (ii) outbreak detection code operable to detect said outbreak; and
  - (iii) sequence following code operable to follow said sequence of predefined actions; wherein said sequence of predefined actions varies in dependence upon time of day.
5. (Currently Amended) A computer program product embodied on a computer readable medium for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:
  - (i) sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
  - (ii) outbreak detection code operable to detect said outbreak; and
  - (iii) sequence following code operable to follow said sequence of predefined actions; wherein said sequence of predefined actions varies in dependence upon day of week.

6. (Previously Amended) A computer program product as claimed in claim 4, wherein one of said predefined actions is reducing virus detection notifications.
7. (Previously Amended) A computer program product as claimed in claim 4, wherein one of said predefined actions is switching from virus quarantining to virus deletion when a computer virus is detected.
8. (Previously Amended) A computer program product as claimed in claim 4, wherein one of said predefined actions is increasing scan options that control how thoroughly said computer system is scanned to detect a computer virus.
9. (Previously Amended) A computer program product as claimed in claim 4, wherein one of said predefined actions is sending a copy of said detected computer virus to a remote site for analysis.
10. (Previously Amended) A computer program product as claimed in claim 4, wherein one of said predefined actions is downloading a latest virus definition file from a remote site.
11. (Previously Amended) A computer program product as claimed in claim 4, wherein one of said predefined actions is downloading a latest virus definition file from a remote site.
12. (Previously Amended) A computer program product as claimed in claim 4, wherein one of said predefined actions is performing a complete virus scan of all computer files stored in at least a portion of said computer apparatus.
13. (Cancelled)
14. (Currently Amended) A computer program product embodied on a computer readable medium for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

- (i) sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- (ii) outbreak detection code operable to detect said outbreak; and
- (iii) sequence following code operable to follow said sequence of predefined actions;  
wherein one of said predefined actions is blocking e-mail attachments;  
wherein said predefined action of blocking e-mail attachments blocks identical attachments appearing in excess of a threshold level.

15. (Currently Amended) A computer program product embodied on a computer readable medium for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

- (i) sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- (ii) outbreak detection code operable to detect said outbreak; and
- (iii) sequence following code operable to follow said sequence of predefined actions;  
wherein one of said predefined actions is rendering non-accessible e-mail distribution lists and e-mail address books of e-mail clients coupled to said computer apparatus.

16. (Currently Amended) A computer program product embodied on a computer readable medium for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

- (i) sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- (ii) outbreak detection code operable to detect said outbreak; and
- (iii) sequence following code operable to follow said sequence of predefined actions;  
wherein one of said predefined actions is restarting in administrator mode an e-mail post office coupled to said computer apparatus.

17. (Currently Amended) A computer program product embodied on a computer readable medium for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

- (i) sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- (ii) outbreak detection code operable to detect said outbreak; and
- (iii) sequence following code operable to follow said sequence of predefined actions;  
wherein one of said predefined actions is closing down an e-mail post office coupled to said computer apparatus.

18. (Cancelled)

19. (Currently Amended) ~~A method as claimed in claim 21,~~ A method of responding to detection of an outbreak of a computer virus on a computer apparatus, said method comprising:

- (i) defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- (ii) detecting said outbreak; and
- (iii) following said sequence of predefined actions;  
wherein said sequence of predefined actions varies in dependence upon time of day;  
wherein said sequence of predefined actions is user defined.

20. (Currently Amended) ~~A method as claimed in claim 21,~~ A method of responding to detection of an outbreak of a computer virus on a computer apparatus, said method comprising:

- (i) defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- (ii) detecting said outbreak; and
- (iii) following said sequence of predefined actions;  
wherein said sequence of predefined actions varies in dependence upon time of day;  
wherein one or more of said predefined actions is performed after receipt of a user input confirming said predefined action.

21. – 22. (Cancelled)

23. (Currently Amended) ~~A method as claimed in claim 21,~~ A method of responding to detection

of an outbreak of a computer virus on a computer apparatus, said method comprising:

(i) defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;

(ii) detecting said outbreak; and

(iii) following said sequence of predefined actions;

wherein said sequence of predefined actions varies in dependence upon time of day;

wherein one of said predefined actions is reducing virus detection notifications.

24. (Currently Amended) ~~A method as claimed in claim 21,~~ A method of responding to detection of an outbreak of a computer virus on a computer apparatus, said method comprising:

(i) defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;

(ii) detecting said outbreak; and

(iii) following said sequence of predefined actions;

wherein said sequence of predefined actions varies in dependence upon time of day;

wherein one of said predefined actions is switching from virus quarantining to virus deletion when a computer virus is detected.

25. (Currently Amended) ~~A method as claimed in claim 21,~~ A method of responding to detection of an outbreak of a computer virus on a computer apparatus, said method comprising:

(i) defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;

(ii) detecting said outbreak; and

(iii) following said sequence of predefined actions;

wherein said sequence of predefined actions varies in dependence upon time of day;

wherein one of said predefined actions is increasing scan options that control how thoroughly said computer system is scanned to detect a computer virus.

26. (Currently Amended) ~~A method as claimed in claim 21,~~ A method of responding to detection of an outbreak of a computer virus on a computer apparatus, said method comprising:

- (i) defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- (ii) detecting said outbreak; and
- (iii) following said sequence of predefined actions;
  - wherein said sequence of predefined actions varies in dependence upon time of day;
  - wherein one of said predefined actions is sending a copy of said detected computer virus to a remote site for analysis.

27. (Currently Amended) ~~A method as claimed in claim 21,~~ A method of responding to detection of an outbreak of a computer virus on a computer apparatus, said method comprising:

- (i) defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- (ii) detecting said outbreak; and
- (iii) following said sequence of predefined actions;
  - wherein said sequence of predefined actions varies in dependence upon time of day;
  - wherein one of said predefined actions is downloading a latest virus definition file from a remote site.

28. (Cancelled)

29. (Currently Amended) ~~A method as claimed in claim 21,~~ A method of responding to detection of an outbreak of a computer virus on a computer apparatus, said method comprising:

- (i) defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- (ii) detecting said outbreak; and
- (iii) following said sequence of predefined actions;
  - wherein said sequence of predefined actions varies in dependence upon time of day;
  - wherein one of said predefined actions is performing a complete virus scan of all computer files stored in at least a portion of said computer apparatus.

30. (Cancelled)

31. (Previously Amended) A method of responding to detection of an outbreak of a computer virus on a computer apparatus, said method comprising:

- (i) defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- (ii) detecting said outbreak; and
- (iii) following said sequence of predefined actions;  
wherein one of said predefined actions is blocking e-mail attachments;  
wherein said predefined action of blocking e-mail attachments blocks identical attachments appearing in excess of a threshold level.

32. (Previously Amended) A method of responding to detection of an outbreak of a computer virus on a computer apparatus, said method comprising:

- (i) defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- (ii) detecting said outbreak; and
- (iii) following said sequence of predefined actions;  
wherein one of said predefined actions is rendering non-accessible e-mail distribution lists and e-mail address books of e-mail clients coupled to said computer apparatus.

33. (Previously Amended) A method of responding to detection of an outbreak of a computer virus on a computer apparatus, said method comprising:

- (i) defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- (ii) detecting said outbreak; and
- (iii) following said sequence of predefined actions;  
wherein one of said predefined actions is restarting in administrator mode an e-mail post office coupled to said computer apparatus.

34. (Previously Amended) A method of responding to detection of an outbreak of a computer virus on a computer apparatus, said method comprising:

- (i) defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
  - (ii) detecting said outbreak; and
  - (iii) following said sequence of predefined actions;
- wherein one of said predefined actions is closing down an e-mail post office coupled to said computer apparatus.

35. (Cancelled)

36. (Previously Amended) A computer program product as claimed in claim 38, wherein said sequence of predefined actions is user defined.

37. (Previously Amended) A computer program product as claimed in claim 38, wherein one or more of said predefined actions is performed after receipt of a user input confirming said predefined action.

38. (Currently Amended) ~~Apparatus~~ A system including a computer program product embodied on a computer readable medium for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

sequence data storage storing sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;

outbreak detection logic operable to detect said outbreak; and

sequence following logic operable to follow said sequence of predefined actions;

wherein said sequence of predefined actions varies in dependence upon time of day.

39. (Currently Amended) ~~Apparatus~~ A system including a computer program product embodied on a computer readable medium for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

sequence data storage storing sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;

outbreak detection logic operable to detect said outbreak; and



sequence following logic operable to follow said sequence of predefined actions;  
wherein said sequence of predefined actions varies in dependence upon day of week.

40. (Previously Amended) A computer program product as claimed in claim 38, wherein one of said predefined actions is reducing virus detection notifications.
41. (Previously Amended) A computer program product as claimed in claim 38, wherein one of said predefined actions is switching from virus quarantining to virus deletion when computer virus is detected.
42. (Previously Amended) A computer program product as claimed in claim 38, wherein one of said predefined actions is increasing scan options that control how thoroughly said computer system is scanned to detect a computer virus.
43. (Previously Amended) A computer program product as claimed in claim 38, wherein one of said predefined actions is sending a copy of said detected computer virus to a remote site for analysis.
44. (Previously Amended) A computer program product as claimed in claim 38, wherein one of said predefined actions is downloading a latest virus definition file from a remote site.
45. (Previously Amended) A computer program product as claimed in claim 38, wherein one of said predefined actions is downloading a latest virus definition file from a remote site.
46. (Previously Amended) A computer program product as claimed in claim 38, wherein one of said predefined actions is performing a complete virus scan of all computer files stored in at least a portion of said computer apparatus.
47. (Cancelled)
48. (Currently Amended) ~~Apparatus~~ A system including a computer program product embodied

on a computer readable medium for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

- sequence data storage storing sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- outbreak detection logic operable to detect said outbreak; and
- sequence following logic operable to follow said sequence of predefined actions;
- wherein one of said predefined actions is blocking e-mail attachments;
- wherein a said predefined action of blocking e-mail attachments blocks identical attachments appearing in excess of a threshold level.

49. (Currently Amended) ~~Apparatus~~ A system including a computer program product embodied on a computer readable medium for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

- sequence data storage storing sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- outbreak detection logic operable to detect said outbreak; and
- sequence following logic operable to follow said sequence of predefined actions;
- wherein one of said predefined actions is rendering non-accessible e-mail distribution lists and e-mail address books of e-mail clients coupled to said computer apparatus.

50. (Currently Amended) ~~Apparatus~~ A system including a computer program product embodied on a computer readable medium for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

- sequence data storage storing sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- outbreak detection logic operable to detect said outbreak; and
- sequence following logic operable to follow said sequence of predefined actions;
- wherein one of said predefined actions is restarting in administrator mode an e-mail post office coupled to said computer apparatus.

51. (Currently Amended) ~~Apparatus~~ A system including a computer program product embodied

on a computer readable medium for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

sequence data storage storing sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;

outbreak detection logic operable to detect said outbreak; and

sequence following logic operable to follow said sequence of predefined actions;

wherein one of said predefined actions is closing down an e-mail post office coupled to said computer apparatus.